

**PARTS OF HOWARD PASS AND MISHEGUK MOUNTAIN QUADRANGLES**

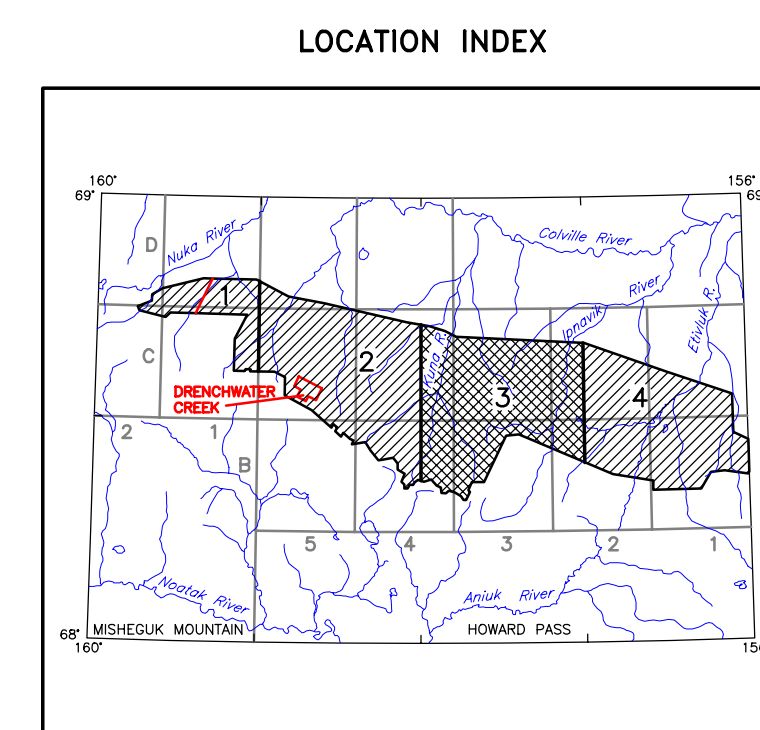
by  
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The magnetic total field contours were produced using digitally recorded data from a Sinterex cesium CS2 magnetometer, with a sampling interval of 0.1 seconds. The magnetic data were (1) corrected for diurnal variations by subtracting the digitally recorded base station magnetic data, (2) adjusted for regional variations using IGRF gradient, 2005, (updates to August 2005) using altimeter adjusted IGRF, (3) leveled to the tie line data and (4) interpolated onto a regular 80 m grid using a modified Akima (1970) technique.

[illegible]

**MAGNETIC CONTOUR INTERVAL**

_____	..... 100 nT
_____	..... 20 nT
_____	..... 4 nT
— — — — —	..... 2 nT



## SURVEY HISTORY

This map has been compiled and drawn under contract between the State of Alaska, Department of Natural Resources, Division of Geological & Geophysical Services (DGGG), and Stevens Exploration Management Corp. (SEMG). The geophysical data were collected, processed and processed by Fugro Airborne Surveys Corp. in 2005. Funding for the project was provided by the U.S. Department of the Interior, Bureau of Land Management (BLM).

This map and other products from this survey are available by mail order in person from DGGG, 3354 C Street, Anchorage, Alaska 99503.

Maps are also available for viewing or downloading as Adobe Acrobat Files (.pdf) on our Web site (<http://www.dggs.dnr.state.ak.us/pubs/y/>). Some products are available for viewing at the BLM Alaska State Office, 222 W. 7th Avenue, Anchorage, AK 99513.